GE
Lighting Solutions

Industrial Lighting

Omnibeam™ 1000 (OB6)

imagination at work

Product Features

GE Indoor Lighting luminaires are designed to produce optimum illumination from the lamp, optical system and ballast, while providing specific light patterns for specific applications. These reliable systems help to improve safety and energy savings, while enhancing productivity and efficiency, to put your industrial workplace in the best possible light.

Applications

- For over 30-foot (9 meter) applications, assembly lines, inspection areas, production bays, storage areas, warehouses, commercial and retail areas

Housing

- Symmetrical heavy-duty die-cast aluminum ballast housing

Finish

- Polyester powder gray or white paint finish

Ratings

- Listed Suitable for Damp Locations
- Listed to Canadian standards and codes

Mounting

- Threaded slide-in mounting adapter for easy mounting
- Single casting integral hook/loop and mounting plate is available

Reflectors

- Acrylic reflector

Unique Features

- Open/ventilated or enclosed opticals with choice of clear or prismatic lens
- Enclosed 26 inch available for wet location
- In-line EZ Connect™ plug-in adapter port allows for:
  - hook/loop, cord & NEMA plug
  - plug-in modular wiring systems
  - plug-in fuse kits
- 55° C ambient standard, except as noted in Photometric Table
- Adjustable mogul base socket - E39 standard
- Safety chain provisions
- Shipped as components: Ballast, Optical
- Magnapack available for ballast
- Pulse start system for metal halide available

Ordering Number Logic

Omnibeam™ 1000 (OB6)

OB6 _ W - __ - _ - _ - _ - V6 - __ - __ - _

PROD. ID	COLOR	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	OPTICAL CODE	PHOTOMETRY CODE	MOUNTING CODE	OPTIONS
OB6 = Omnibeam 1000 Luminaire	**W** = White Polyester Powder	**40** = 400 **75** = 750 **01** = 1000	**E** = Energy Act Compliant Pulse MH (EPMH) **M** = MH **S** = HPS **P** = Pulse Start MH **Note:** Lamp is vertical base up. Lamp not included.	**60Hz** **0** = 120/208/240/277 MULTIVOLT **1** = 120 **2** = 208 **3** = 240 **4** = 277 **5** = 480 **D** = 347 **F** = 120X347 **T** = 220 **50Hz** **6** = 220 **R** = 230 **Y** = 240 **G** = 380	See Ballast Selection Table **A** = Autoreg **D** = System 3 Bilevel Autoreg **G** = CANADIAN Mag-Reg (Grounded Socket Shell) **H** = HPF Reactor or Lag **M** = Mag-Reg	**V6** = Open and Ventilated 26 in. Reflector **Note:** Do not use open opticals with lamps specified for use with enclosed fixtures only.	**XX** = Select Code Below	**11** = Pendant mounting **13** = Provision for Slide-on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed Capability Only) Separately. **14** = Provision for Slide-on Primary Electrical Disconnect. Order PED Box (Pendant and Thru Feed Capability) Separately **15** = Prewire with EZ-Loop, Cord and Plug Part of "Power Hook". Order Receptacle/Hook Box Separately. (Not CSA/CUL) **31** = Prewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug **33** = Prewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug ***(Order locking receptacle hook box separately.)*** **MODULAR PREWIRE** **41** = ACS with 3-ft (0.9 meter) cord & EZ-Hook **69** = ACS with 6-ft (1.8 meter) cord & EZ-Hook **43** = ACS with 3-ft (0.9 meter) cord & EZ-Loop **70** = ACS with 6-ft (1.8 meter) cord & EZ-Loop **PLUG-N-GO** **51** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Hook **71** = Plug-N-Go with 6 ft. (1.8meter) Cord & Hook **53** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Loop **72** = Plug-N-Go with 6 ft. (1.8 meter) Cord & Loop **Note:** ACS = Flex 3+ Plug-N-Go = FSC Series	**B** = Time Delay Automatically Switched Quartz **F** = Fusing ***(Not available with multivolt)*** **G** = Secondary Wiring Access 7/8 in. dia. knockout **K** = Encapsulated Ballast **Q** = Non-Time Delay Automatically Switched Quartz **R** = Non-Switched Quartz. **S** = Exclusionary mogul base socket for MH open fixtures **T** = E40 / European Mogul Base Socket

Photometric Selection Table

MH, requires "S" Option EX39 base socket

Wattage	Light Source	Max Amb Temp C	Spacing Criteria	Socket Position	Photometry Curve #	Photometric Code
750	P	40	1.3	A	451994	AA
750	P	40	1.5	C	451995	AC
750	P	40	1.7	E	451996	AE
750	P	40	1.9	G	451997	AG
1000*	MH (Coated)	40	2.0	C	450759	AC
750	HPS	55	1.3	A	450748	AA
750	HPS	55	1.7	E	450752	AE

***Note:** When using 1000 W (PMH) Pulse Metal Halide BT37 lamp, use 400W MH socket positions as listed on OB5 Omnibeam 400.

Ballast Selection Table

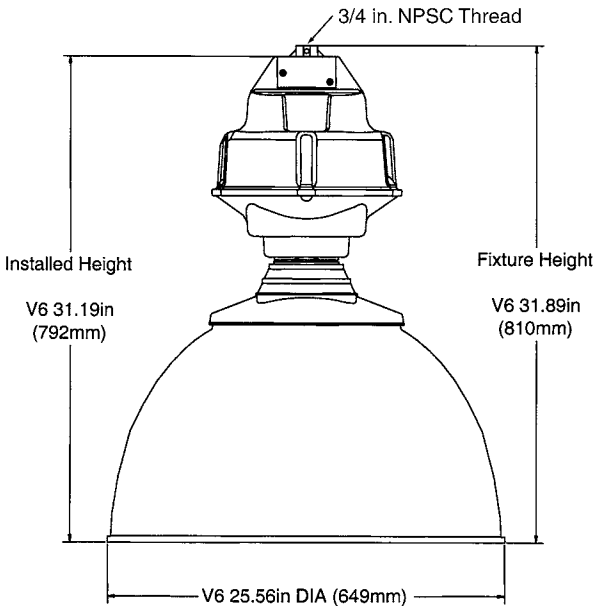
		Ballast Type / Voltage								
		60HZ					50HZ			
Wattage	Light Source	Multivolt	120, 208 240, 277 480	347	120 x 347	220	220	230	240	380
400	HPS	**A**	**A,D,G,M**	**A,D,G**	**A,G**	**A,H**	**A,H,M**	**A,H,M**	**A,H,M**	**M**
750	HPS	N/A	**A,D***	**A,D***	N/A	N/A	N/A	N/A	N/A	N/A
400	MH	**A**	**A,D,**	**A,D**	**A**	**A**	**A**	**A**	**A**	N/A
1000	MH	**A**	**A**,**D**	**A,D**	**N/A**	**A**	**A**	**A**	**A**	**A**
PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE										
400	EPMH	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
750	P (MH)	N/A	**A**	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available
* Automatic Switch Quartz Option not available with Bilevel
**120, 208 and 240 volt available as Multivolt only.

CANADIAN NOTES:
1. "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
2. 1000 Watt Metal Halide available 120, 277 or 347 volt Autoreg only.
3. 208, 240, and 480 volts require CWI ballast. Use "G" when available. Contact factory for all others.
4. Multivolt not available.

Exclusionary base socket is available for use with Metal Halide lamps in open fixtures to comply with NEC 2005 regulations (GELS "S" Option). Customer should consult or review local electrical codes for compliance.

Product Dimensions



DATA

- Approximate Net Weight Ballast and Optical: 35 lbs (16 kgs)

GE Lighting Solutions, LLC is a subsidiary of the General Electric Company. The GE brand and logo are trademarks of the General Electric Company.
© 2012 GE Lighting Solutions, LLC. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions.